(a) at least first and second electrodes positionable on or within the object in proximity to the region of interest, distal ends of the electrodes being spaced apart and disconnected, and

(b) feed wires coupling proximal ends of the electrodes to a signal detector,

wherein the electrodes and feed wires cooperatively function with tissue within the region of interest to form a signal detector.

13. (Amended) A method of imaging a region of interest in an object comprising the steps of:

(a) placing the object in a static magnetic field,

(b) applying RF excitation pulses to the region of interest, and

(c) detecting magnetic resonance signals from the region of interest with an array of at least two spaced electrodes in proximity to the region of interest, distal ends of the electrodes being spaced apart and disconnected, tissue in the region of interest cooperating with the electrodes to form a signal detector.

Cancel claim 14.

REMARKS

Claims 1-13 and 15-18 remain in the application with independent claims 1 and 13 amended to more particularly define the invention and further distinguish the cited prior art.

Reconsideration is respectfully requested for claims 1-13 and 15-18 as amended.

Claims 1-7, 9, 10, and 12-17 have been rejected under 35 U.S.C. 102(b) as being anticipated by Atalar, 5,699,801, the Examiner alleging that Atalar teaches an MR detection probe including at least two spaced apart electrodes, feed, feedwires, and rings around the circumference of the catheter.